

RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/948,149DATE: 04/22/98  
TIME: 09:52:02

INPUT SET: S25177.raw

This Raw Listing contains the General  
Information Section and up to the first 5 pages.

## SEQUENCE LISTING

ENTERED

1  
2  
3 (1) General Information:  
4  
5 (i) APPLICANT: Fendly, Brian M.  
6 Phillips, Gail D.  
7 Scheuermann, Richard H.  
8 Uhr, Jonathan W.  
9  
10 (ii) TITLE OF INVENTION: Anti-ErbB2 Antibodies  
11  
12 (iii) NUMBER OF SEQUENCES: 9  
13  
14 (iv) CORRESPONDENCE ADDRESS:  
15 (A) ADDRESSEE: Genentech, Inc.  
16 (B) STREET: 1 DNA Way  
17 (C) CITY: South San Francisco  
18 (D) STATE: California  
19 (E) COUNTRY: USA  
20 (F) ZIP: 94080  
21  
22 (v) COMPUTER READABLE FORM:  
23 (A) MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk  
24 (B) COMPUTER: IBM PC compatible  
25 (C) OPERATING SYSTEM: PC-DOS/MS-DOS  
26 (D) SOFTWARE: WinPatin (Genentech)  
27  
28 (vi) CURRENT APPLICATION DATA:  
29 (A) APPLICATION NUMBER:  
30 (B) FILING DATE:  
31 (C) CLASSIFICATION:  
32  
33 (vii) PRIOR APPLICATION DATA:  
34 (A) APPLICATION NUMBER: 60/028811  
35 (B) FILING DATE: 10/18/96  
36  
37 (viii) ATTORNEY/AGENT INFORMATION:  
38 (A) NAME: Lee, Wendy M.  
39 (B) REGISTRATION NUMBER: 40,378  
40 (C) REFERENCE/DOCKET NUMBER: P1053R2  
41  
42 (ix) TELECOMMUNICATION INFORMATION:  
43 (A) TELEPHONE: 650/225-1994  
44 (B) TELEFAX: 650/952-9881  
45 (2) INFORMATION FOR SEQ ID NO:1:  
46

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47 (i) SEQUENCE CHARACTERISTICS:  
48 (A) LENGTH: 166 amino acids  
49 (B) TYPE: Amino Acid  
50 (D) TOPOLOGY: Linear  
51  
52 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:  
53  
54 Cys Thr Gly Thr Asp Met Lys Leu Arg Leu Pro Ala Ser Pro Glu  
55 1 5 10 15  
56  
57 Thr His Leu Asp Met Leu Arg His Leu Tyr Gln Gly Cys Gln Val  
58 20 25 30  
59  
60 Val Gln Gly Asn Leu Glu Leu Thr Tyr Leu Pro Thr Asn Ala Ser  
61 35 40 45  
62  
63 Leu Ser Phe Leu Gln Asp Ile Gln Glu Val Gln Gly Tyr Val Leu  
64 50 55 60  
65  
66 Ile Ala His Asn Gln Val Arg Gln Val Pro Leu Gln Arg Leu Arg  
67 65 70 75  
68  
69 Ile Val Arg Gly Thr Gln Leu Phe Glu Asp Asn Tyr Ala Leu Ala  
70 80 85 90  
71  
72 Val Leu Asp Asn Gly Asp Pro Leu Asn Asn Thr Thr Pro Val Thr  
73 95 100 105  
74  
75 Gly Ala Ser Pro Gly Gly Leu Arg Glu Leu Gln Leu Arg Ser Leu  
76 110 115 120  
77  
78 Thr Glu Ile Leu Lys Gly Gly Val Leu Ile Gln Arg Asn Pro Gln  
79 125 130 135  
80  
81 Leu Cys Tyr Gln Asp Thr Ile Leu Trp Lys Asp Ile Phe His Lys  
82 140 145 150  
83  
84 Asn Asn Gln Leu Ala Leu Thr Leu Ile Asp Thr Asn Arg Ser Arg  
85 155 160 165  
86  
87 Ala  
88 166  
89  
90 (2) INFORMATION FOR SEQ ID NO:2:  
91  
92 (i) SEQUENCE CHARACTERISTICS:  
93 (A) LENGTH: 32 amino acids  
94 (B) TYPE: Amino Acid  
95 (D) TOPOLOGY: Linear  
96  
97 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:  
98  
99 Ser Thr Gln Val Cys Thr Gly Thr Asp Met Lys Leu Arg Leu Pro

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100	1	5	10	15
101				
102	Ala Ser Pro Glu Thr His Leu Asp Met Leu Arg His Leu Tyr Gln			
103		20	25	30

104  
105 Gly Cys  
106 32  
107

108 (2) INFORMATION FOR SEQ ID NO:3:

109  
110 (i) SEQUENCE CHARACTERISTICS:  
111 (A) LENGTH: 59 amino acids  
112 (B) TYPE: Amino Acid  
113 (D) TOPOLOGY: Linear  
114

115 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:

116														
117	Val Glu Glu Cys Arg Val Leu Gln Gly Leu Pro Arg Glu Tyr Val													
118	1	5	10	15										

119														
120	Asn Ala Arg His Cys Leu Pro Cys His Pro Glu Cys Gln Pro Gln													
121		20	25	30										

122														
123	Asn Gly Ser Val Thr Cys Phe Gly Pro Glu Ala Asp Gln Cys Val													
124		35	40	45										

125														
126	Ala Cys Ala His Tyr Lys Asp Pro Pro Phe Cys Val Ala Arg													
127		50	55	59										

128  
129 (2) INFORMATION FOR SEQ ID NO:4:

130  
131 (i) SEQUENCE CHARACTERISTICS:  
132 (A) LENGTH: 97 amino acids  
133 (B) TYPE: Amino Acid  
134 (D) TOPOLOGY: Linear  
135

136 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:

137														
138	Val Asn Cys Ser Gln Phe Leu Arg Gly Gln Glu Cys Val Glu Glu													
139	1	5	10	15										

140														
141	Cys Arg Val Leu Gln Gly Leu Pro Arg Glu Tyr Val Asn Ala Arg													
142		20	25	30										

143														
144	His Cys Leu Pro Cys His Pro Glu Cys Gln Pro Gln Asn Gly Ser													
145		35	40	45										

146														
147	Val Thr Cys Phe Gly Pro Glu Ala Asp Gln Cys Val Ala Cys Ala													
148		50	55	60										

149														
150	His Tyr Lys Asp Pro Pro Phe Cys Val Ala Arg Cys Pro Ser Gly													
151		65	70	75										

152

RAW SEQUENCE LISTING  
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153 Val Lys Pro Asp Leu Ser Tyr Met Pro Ile Trp Lys Phe Pro Asp  
154 80 85 90

155  
156 Glu Glu Gly Ala Cys Gln Pro  
157 95 97

## 159 (2) INFORMATION FOR SEQ ID NO:5:

160  
161 (i) SEQUENCE CHARACTERISTICS:  
162 (A) LENGTH: 11 amino acids  
163 (B) TYPE: Amino Acid  
164 (D) TOPOLOGY: Linear

## 166 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:

167  
168 Pro Lys Asn Ser Ser Met Ile Ser Asn Thr Pro  
169 1 5 10 11

## 171 (2) INFORMATION FOR SEQ ID NO:6:

172  
173 (i) SEQUENCE CHARACTERISTICS:  
174 (A) LENGTH: 7 amino acids  
175 (B) TYPE: Amino Acid  
176 (D) TOPOLOGY: Linear

## 178 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:

179  
180 His Gln Ser Leu Gly Thr Gln  
181 1 5 7

## 183 (2) INFORMATION FOR SEQ ID NO:7:

184  
185 (i) SEQUENCE CHARACTERISTICS:  
186 (A) LENGTH: 8 amino acids  
187 (B) TYPE: Amino Acid  
188 (D) TOPOLOGY: Linear

## 190 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:

191  
192 His Gln Asn Leu Ser Asp Gly Lys  
193 1 5 8

## 195 (2) INFORMATION FOR SEQ ID NO:8:

196  
197 (i) SEQUENCE CHARACTERISTICS:  
198 (A) LENGTH: 8 amino acids  
199 (B) TYPE: Amino Acid  
200 (D) TOPOLOGY: Linear

## 202 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:

203  
204 His Gln Asn Ile Ser Asp Gly Lys  
205 1 5 8

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206  
207 (2) INFORMATION FOR SEQ ID NO:9:  
208  
209 (i) SEQUENCE CHARACTERISTICS:  
210 (A) LENGTH: 8 amino acids  
211 (B) TYPE: Amino Acid  
212 (D) TOPOLOGY: Linear  
213  
214 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:  
215  
216 Val Ile Ser Ser His Leu Gly Gln  
217 1 5 8  
218  
219

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**SEQUENCE VERIFICATION REPORT**  
**PATENT APPLICATION US/08/948,149**

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Line

Error

Original Text